

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
7 August 2003 (07.08.2003)

PCT

(10) International Publication Number  
**WO 03/064203 A1**

(51) International Patent Classification<sup>7</sup>: **B60N 2/07**

(21) International Application Number: **PCT/US03/02642**

(22) International Filing Date: 28 January 2003 (28.01.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/352,379 28 January 2002 (28.01.2002) US

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(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

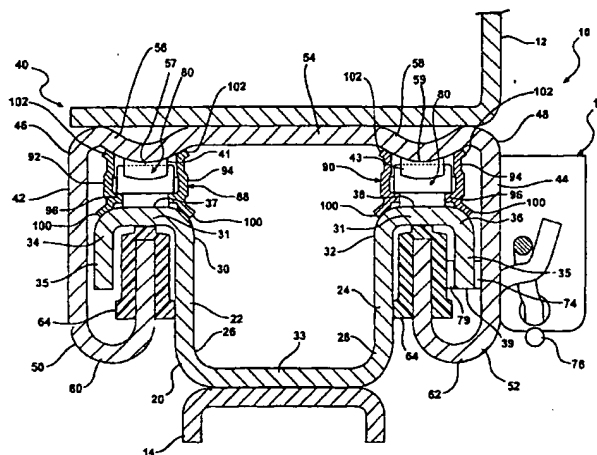
- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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(54) Title: **AUTOMOTIVE SEAT TRACK HAVING VERTICALLY ADJUSTABLE BEARINGS**



(57) **Abstract:** A seat track assembly (10) is adapted to mount a seat to a floor of an automotive vehicle and provide selective forward and rearward adjustment of the seat relative to the floor among a plurality of seating positions. The seat track assembly includes an inner track (20) fixedly secured to the floor of the vehicle. The inner track (20) has a flattened bearing surface (37, 38) extending longitudinally along the inner track. An outer track (40) is fixedly secured to the seat and slidably coupled to the inner track (20) to allow selective sliding adjustment of the seat relative to the floor of the vehicle. The outer track (40) includes an arcuate bearing surface (57, 59) extending longitudinally along the outer track (40) and opposing the flattened bearing surface (37, 38). A plurality of cylindrical bearings (80) are positioned between the flattened bearing surface (37, 38) of the inner track (20) and the arcuate bearing surface (57, 59) of the outer track (40) to accommodate torsional loading and movement of the outer track with respect to the inner track while facilitating the selective sliding adjustment of the seat relative to the floor.

WO 03/064203 A1